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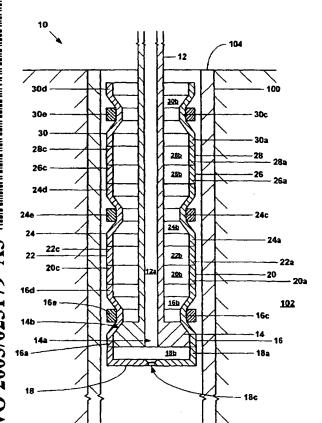
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(54) Title: SYSTEM FOR LINING A WELLBORE CASING



(57) Abstract: A system for lining a wellbore casing.

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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER					
IPC(7) : E21B 43/10					
US CL : 166/380, 207					
According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
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Minimum documentation searched (classification system followed by classification symbols)					
U.S. : 166/380, 207, 378, 212, 217, 242.6					
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
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Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
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C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *	Citation of document, with indication, where a	opropriate of the releva	int nassages	Relevant to claim No.	
Х	US 6,070,671 A (CUMMING et al.) 06 June 2000 (13-15,17,18,21-23,25-	
^	03 0,070,071 A (COMMING & al.) 00 14th 2000 (oo.oo.oo), ngules 1 and	12.	31, and 33	
х	US 6,085,838 A (VERCAEMER et al.) 11 July 2000 (11.07.00), figures 5-7.			· ·	
^	A US 0,000,000 A (* DRCAEMER et al.) It buly 2000 (II.0.		' ·	1,4-7,11-19, and 21-35	
х	STI 1096119 A (GADIEOV) 15 April 1094 (15 M 9) figures 1 and 2		13-15,17-23,25-31, and	
Λ.	SU 1086118 A (GARIFOV) 15 April 1984 (15.04.84), figures 1 and 2.			33-36	
	35-50				
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Further	documents are listed in the continuation of Box C.	See patent fa	amily annex.		
* S	pecial categories of cited documents:			rnational filing date or priority ation but cited to understand the	
"A" document	defining the general state of the art which is not considered to be		cory underlying the inve		
	lar relevance	#V#			
"E" carlier and	plication or patent published on or after the international filing date			claimed invention cannot be red to involve an inventive step	
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establish (specified)	he publication date of another citation or other special reason (as		arucular rejevance; the (involve an inventive step	claimed invention cannot be	
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"O" document referring to an oral disclosure, use, exhibition or other means being obvious to a person skilled in the art				e ant	
"P" document	published prior to the international filing date but later than the	"&" document men	"&" document member of the same patent family		
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